

Claims

- [c1] What is claimed is:
- 1.A personal digital assistant comprising:
 - a housing;
 - a liquid crystal display panel for displaying information stored in the personal digital assistant;
 - a slot installed on a first side of the housing;
 - a first connector comprising a plurality of contacts installed on a second side of the housing for transmitting electric power and data; and
 - a digital image capture device which is detachable from the personal digital assistant comprising:
 - a latch for matching with the slot;
 - a release button; and
 - a second connector corresponding to the first connector, the second connector comprising a plurality of corresponding contacts for transmitting data.
 - [c2] 2.The personal digital assistant of claim 1 wherein when the release button of the digital image capture device is pressed, the latch is moved to a release position.
 - [c3] 3.The personal digital assistant of claim 1 further comprising a plurality of protruding plugs installed on a surface of the housing, and the digital image capture device further comprising a plurality of sockets corresponding to the protruding plugs of the personal digital assistant for precisely engaging with the personal digital assistant.
 - [c4] 4.The personal digital assistant of claim 1 wherein the contacts of the first connector comprises fourteen pins, and the contacts of the second connector comprises fourteen receiving holes for matching with the corresponding pins of the first connector.
 - [c5] 5.The personal digital assistant of claim 1 wherein the digital image capture device further comprises a switch for switching on or switching off the digital image capture device.

- [c6] 6.The personal digital assistant of claim 1 wherein the digital image capture device further comprises a base which is approximately perpendicular with the housing of the personal digital assistant for leaning on the personal digital assistant when the digital image capture device is connected to the personal digital assistant.
- [c7] 7.The personal digital assistant of claim 1 wherein the digital image capture device further comprises a movable lens unit which is capable of being adjusted to a predetermined position for capturing images.
- [c8] 8.The personal digital assistant of claim 7 wherein the lens unit is connected to the digital image capture device via a pivot.
- [c9] 9.A personal digital assistant comprising:
a first housing;
a liquid crystal display panel for displaying information stored in the personal digital assistant;
a slot installed on a first side of the first housing;
a first connector comprising a plurality of contacts installed on a second side of the first housing for transmitting electric power and data; and
a digital image capture device which is detachable from the personal digital assistant comprising:
a second housing;
a lens unit which is movable for capturing images;
a pivot connected to the lens unit;
a latch for matching with the slot;
a base which is approximately perpendicular with the second housing;
a release button installed on the second housing; and
a second connector corresponding to the first connector, the second connector comprising a plurality of corresponding contacts for transmitting data.
- [c10] 10.The personal digital assistant of claim 9 wherein when the release button of the digital image capture device is pressed, the latch is moved to a release position.

[c11] 11.The personal digital assistant of claim 9 further comprising a plurality of protruding plugs installed on a surface of the first housing, and the digital image capture device further comprising a plurality of sockets corresponding to the protruding plugs of the personal digital assistant for precisely engaging with the personal digital assistant.

[c12] 12.The personal digital assistant of claim 9 wherein the contacts of the first connector comprises fourteen pins, and the contacts of the second connector comprises fourteen receiving holes for matching with the corresponding pins of the first connector.

[c13] 13.The personal digital assistant of claim 9 wherein the digital image capture device further comprises a switch for switching on or switching off the digital image capture device.

[c14] 14.The personal digital assistant of claim 9 wherein the lens unit is connected to the digital image capture device via a pivot.